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(54) Title: NOVEL BIODEGRADABLE ALIPHATIC POLYESTERS AND PHARMACEUTICAL COMPOSITIONS AND AP-PLICATIONS THEREOF

(57) Abstract: Novel biodegradable aliphatic polyesters derived from fatty diacids and fatty diols with even number of carbon atoms, pharmaceutical compositions and applications thereof wherein the said pharmaceutical compositions comprises at least one pharmaceutically active ingredient and the said biodegradable aliphatic polyester and the said pharmaceutical compositions is in the form of different drug delivery systems such as drug loaded microparticles, molded implants, coated granules, injectable sustained release particles, stents, films, matrix tablet, coated tablets, dry syrup, mouth dissolving tablets, microparticles dispersed in gels, taste masked formulation, inserts (ophthalmic), fibers, ligatures and sutures.





International Application No IN2004/000097

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C08G63/16 A61K47/34 A61K9/14 A61K9/16 A61K9/00 A61K9/20 A61K9/28 A61K9/70 According to International Patent Classification (IPC) or to both national classification and IPC B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) C08G A61K IPC 7 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Relevant to claim No. Calegory ° Citation of document, with indication, where appropriate, of the relevant passages-X US 4 205 399 A (JAMIOLKOWSKI DENNIS D ET 1 AL) 3 June 1980 (1980-06-03) column 2; examples 2-7 WO 00/55236 A (FOA MARCO; MILIZIA TIZIANA (IT); FARACHI FERNANDA (IT); MINI RICERCA) 1,3-6 X 21 September 2000 (2000-09-21) cited in the application page 3 - page 4; claims; examples US 4 032 993 A (SEDIVY PIERRE ET AL) 1,3-6X 5 July 1977 (1977-07-05) column 3, line 14 - column 4, line 19; claims; examples X US 3 883 901 A (SEDIVY PIERRE ET AL) 1.3 - 620 May 1975 (1975-05-20) column 2 - column 3; claims; examples Patent family members are listed in annex. χ Further documents are listed in the continuation of box C. * Special categories of cited documents: *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention 'E' earlier document but published on or after the international "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone filling date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed in the art. "&" document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 07/12/2004 25 November 2004 Name and mailing address of the ISA Authorized officer European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 Masson, P

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